BUFFALO™

NFINITI™
Wireless-N

Nfiniti™ Wireless-N Gigabit Router & Access Point

An ideal solution for either home or business use. Perfect for high-speed multimedia streaming or online gaming. The Buffalo Gigabit Router & Access Point offers high transfer rates for both wireless and wired connections.

2 YEAR WARRANTY

| **High Speed Gigabit Ethernet**

| **Supports two operation modes, Wireless-N (5GHz only) and 802.11a/g/b or Wireless-N (2.4GHz only) and 802.11g/b**

| **Multi-Level Security**
  WPA2, WPA-PSK (TKIP, AES), and 128/64bit WEP security are supported

| **Secure and easy Set-up with AOSS or WPS**

Nfiniti Wireless-N Gigabit Router & Access Point

This product is designed to Draft 2.0 802.11n specifications. You can choose between the two operation modes;

√ **Wireless-N (5GHz only) and 802.11a/b/g**

√ **Wireless N (2.4GHz only) and 802.11b/g**

With multiple security levels, you can use AES, TKIP and 128/64bit encryption for each connected client device simultaneously. It will also allow you to restrict access from devices connecting with WEP to other devices connecting with AES or TKIP.

You can use TKIP/AES encryptions for your PCs and WEP encryption for a gaming console simultaneously, but if someone tries to access the network using WEP encyption (which is the weakest encryption) they cannot access other devices connected via AES/TKIP. To further enhance your requirements by turning WMM (Wi-Fi Multimedia) on, will significantly improve your experience for audio, video and voice applications.

Key Specifications

· Wireless Connections up to 300Mbps (*1)

· Designed to IEEE802.11n Draft 2.0 Standard Specifications

· Supports two operation modes, Wireless-N (5GHz only) and 802.11a/g/b or Wireless-N (2.4GHz only) and 802.11g/b

· Four in-built Gigabit Ethernet Ports with Jumbo Frame support for up to 4 simultaneous wired devices

· Simple Web Browser Configuration, no drivers needed

· Supports WPA2, WPA-PSK (TKIP, AES) and 128/64-bit WEP Security

· Supports QoS - WMM Wi-Fi Multimedia

Notes
*Specifications and appearance are given as guidelines and may change without notice.
(*1) For N connections a wireless router or access point that supports Draft-N is required.
For Best Performance, Use with Buffalo Nfiniti Wireless-N Adaptor

SPECIFICATIONS

Wireless LAN Interface	
Standard Compliance	IEEE802.11b/IEEE802.11g/IEEE802.11a/IEEE802.11n (Draft 2.0)
Transmission Method	Direct Sequence Spread Spectrum (DSSS), OFDM, MIMO
Frequency Range	2,412 - 2,472MHz (Channels 1-13), 5,150 - 5,250MHz (Channels 36-48), 5,250-5,350MHz (Channels 52-64)
Transmission Rate	802.11n: 14.4, 28.8, 43.3, 57.7, 86.6, 115.5, 130.1, 144.4Mbps 802.11g: 6, 9, 12, 18, 24, 36, 48, 54Mbps 802.11b: 1, 2, 5.5, 11Mbps
Access Mode	Infrastructure Mode
Security	WPA2, WPA-PSK (TKIP, AES), 128/64bit WEP, Mac Address Filter

Wired LAN Interface	
Standards Compliance	IEEE802.3ab (1000BASE-T), IEEE802.3u (100BASE-TX), IEEE802.3 (10 BASE-T)
Transmission Rate	10/100/1000Mbps
Transmission Encoding	100 BASE-TX 4B5B/MLT-3, 10 Base-T Manchester Coding
Access Method	CSMA/CD
Speed and Flow Control	10/100/1000, Auto Sensing, Auto MDIX
Number of LAN Ports	4
LAN Port Connector	RJ-45

Other	
Power Supply	External AC 100-240V Universal, 50/60Hz
Power Consumption	About 11.0W (Max)
Dimensions	190mm x 150mm x 38mm
Weight	630g
Operating Environment	0-40°C, 20-80% (non-condensing)

Wireless-N Nfiniti Adapters		
WLI2-CB-G300N NFINITI Wireless-N Notebook Adapter	**WLI-PCI-G300N** NFINITI Wireless-N PCI Adapter	**WLI-UC-G300N** NFINITI Wireless-N Keychain USB 2.0 Adapter

Product Part Numbers

WZR-AGL-G300NH